PATENT Customer No. 22,852 Attorney Docket No. 5725.0568-01

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:   | )                                    |
|---|--------------------------------------|
| Nathalie MOUGIN   | ) Prior Group Art Unit: 1617         |
| Application No.: Unassigned (Divisional Application of Application No. 09/544,394, filed April 5, 2000) | ) Prior Examiner: L. Wells<br>)<br>) |
| Filed: November 26, 2003  | )                                    |
| For: COMPOSITION COMPRISING POLYMERS HAVING A STAR STRUCTURE, THE POLYMERS, AND THEIR USE               | )<br>)<br>)<br>)                     |
| Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450                                  |                                      |

# **INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Copies of the listed documents were previously submitted or cited by the Examiner in prior Application No. 09/544,394, filing date April 5, 2000, upon which Applicant relies for the benefits provided in 35 U.S.C. § 120. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

FINNEGAN HENDERSON FARABOW GARRETT & DUNNER LP Sir:

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Application Serial No.: Divisional Application of 09/544,394 Attorney Docket No. 5725.0568-01

Any documents not previously submitted or cited by the Examiner in the prior application, are enclosed with this Information Disclosure Statement (see e.g. items 7, 13, 26, 31, 33, 39) listed on the PTO Form 1449).

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Additionally, Applicant would like to bring to the Examiner's attention the following copending applications, which all relate to similar subject matter:

1. **Title:** COMPOSITION COMPRISING POLYMERS

HAVING A STAR STRUCTURE, THE

POLYMERS, AND THEIR USE

By: Nathalie MOUGIN

Filed: May 7, 2002 U.S. Application No.: 10/139,530 Attorney Docket No.: 05725.0564-01

2. **Title:** COMPOSITION COMPRISING POLYMERS

HAVING A STAR STRUCTURE, THE

POLYMERS, AND THEIR USE

By: Nathalie MOUGIN Filed: January 17, 2003

**U.S. Application No.:** 10/345,977 **Attorney Docket No.:** 05725.0565-01

3. Title: COMPOSITION COMPRISING POLYMERS

HAVING A STAR STRUCTURE, THE

POLYMERS, AND THEIR USE

By: Nathalie MOUGIN September 20, 2002

**U.S. Application No.:** 10/247,362 **Attorney Docket No.:** 05725.0571-01

4. Title: COMPOSITION COMPRISING POLYMERS

HAVING A STAR STRUCTURE, THE

POLYMERS, AND THEIR USE

By: Nathalie MOUGIN September 8, 2003

**U.S. Application No.:** 10/656,238 **Attorney Docket No.:** 05725.0570-01

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Application Serial No.: Divisional Application of 09/544,394 Attorney Docket No. 5725.0568-01

Applicant notes that co-pending applications 1-3, above and listed on the Form

PTO-1449, were previously submitted with and listed on the Information Disclosure

Statement filed in the parent application, but were not listed on a Form PTO-1449.

Accordingly, Applicant has listed the co-pending applications on the attached Form

PTO-1449.

This submission does not represent that a search has been made or that no

better art exists and does not constitute an admission that each or all of the listed

documents are material or constitute "prior art." If the Examiner applies any of the

documents as prior art against any claim in the present application and Applicant

determines that the cited documents do not constitute "prior art" under United States

law, Applicant reserves the right to present to the Patent Office the relevant facts and

law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the

patentability of the disclosed invention over the listed documents, should one or more of

the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please

charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,

GARRETT & DUNNER, L.L.P.

Dated: November 26, 2003

FINNEGAN **HENDERSON** FARABOW GARRETT & DUNNER些

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## **INFORMATION DISCLOSURE CITATION**

| Atty. Docket No.: | 5725.0568-01      | Appln. No.:              | U.S. Divisional Application of 09/544,394 |
|-------------------|-------------------|--------------------------|---|
| Applicant:        | Nathalie MOUGIN   |                          |   |
| Filing Date:      | November 26, 2003 | Prior Group<br>Art Unit: | 1617                                      |

| FOREIGN PATENT DOCUMENTS |    |                    |                     |         |       |              |                          |
|--------------------------|----|--------------------|---------------------|---------|-------|--------------|--------------------------|
|                          |    | Document<br>Number | Publication<br>Date | Country | Class | Sub<br>Class | Translation<br>Yes or No |
|                          | 27 | DE 43 28 004       | 02/23/95            | GERMANY |       |              | Abstract                 |
|                          | 28 | DE 196 02 540      | 07/31/97            | GERMANY |       |              | Abstract                 |
|                          | 29 | EP 0 557 196       | 8/25/1993           | Europe  |       |              | Abstract                 |
|                          | 30 | EP 0 639 371       | 2/22/1995           | Europe  |       |              | Abstract                 |
|                          | 31 | EP 0 704 477       | 4/3/1996            | Europe  |       |              | Abstract                 |
|                          | 32 | WO 86/00626        | 01/30/86            | PCT     |       |              |                          |
|                          | 33 | WO 96/17886        | 6/13/1996           | PCT     |       |              | Abstract                 |
|                          | 34 | WO 96/33690        | 10/31/1996          | PCT     |       |              |                          |
|                          | 35 | WO 96/36323        | 11/21/1996          | PCT     |       |              |                          |
|                          | 36 | WO 97/18247        | 05/22/97            | PCT     |       |              | ···                      |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |  |  |  |
|--|--|--|--|--|
| 37   | Co-pending Application No. 10/139,530; Attorney Docket No. 05725.0564-01 Title: COMPOSITION COMPRISING POLYMERS HAVING A STAR STRUCTURE, THE POLYMERS, AND THEIR USE Inventors: Nathalie MOUGIN U.S. Filing Date: May 7, 2002        |  |  |  |
| 38   | Co-pending Application No. 10/345,977; Attorney Docket No. 05725.0565-01 Title: COMPOSITION COMPRISING POLYMERS HAVING A STAR STRUCTURE, THE POLYMERS, AND THEIR USE Inventors: Nathalie MOUGIN U.S. Filing Date: January 17, 2003   |  |  |  |
| 39   | Co-pending Application No. 10/656,238; Attorney Docket No. 05725.0570-01 Title: COMPOSITION COMPRISING POLYMERS HAVING A STAR STRUCTURE, THE POLYMERS, AND THEIR USE Inventors: Nathalie MOUGIN U.S. Filing Date: September 8, 2003  |  |  |  |
| 40   | Co-pending Application No. 10/247,362; Attorney Docket No. 05725.0571-01 Title: COMPOSITION COMPRISING POLYMERS HAVING A STAR STRUCTURE, THE POLYMERS, AND THEIR USE Inventors: Nathalie MOUGIN U.S. Filing Date: September 20, 2002 |  |  |  |

## **INFORMATION DISCLOSURE CITATION**

| Atty. Docket No.: | 5725.0568-01      | Appln. No.:              | U.S. Divisional Application of 09/544,394 |
|-------------------|-------------------|--------------------------|---|
| Applicant:        | Nathalie MOUGIN   |                          |   |
| Filing Date:      | November 26, 2003 | Prior Group<br>Art Unit: | 1617                                      |

|    | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |  |  |  |  |
|----|---|--|--|--|--|
| 41 | English Language Derwent Abstract of DE 43 28 004   |  |  |  |  |
| 42 | English Language Derwent Abstract of DE 196 02 540  |  |  |  |  |
| 43 | English Language esp@cenet Abstract of EP 0 557 196   |  |  |  |  |
| 44 | English Language esp@cenet Abstract of WO 96/17886  |  |  |  |  |
| 45 | English Language esp@cenet Abstract of EP 0 704 477   |  |  |  |  |
| 46 | Seiya Kobatake et al., "Synthesis of Nitroxy-Functionalized Polybutadiene by Anionic Polymerization Using a Nitroxy-Functionalized Terminator", Macromolecules, Vol. 30, No. 14, July 14, 1997, pp. 4238-4241 |  |  |  |  |
| 47 | Product Information for Styrolux 684D (09-1998) available from the BASF Company at <a href="https://www.basf.de">www.basf.de</a> (last checked 04-1-2002)   |  |  |  |  |
| 48 | "Polymer Chemistry," second edition, 1988 Seymour et al., Marcel Dekker, Inc., pp. 354-358  |  |  |  |  |
| 49 | "Polymer Handbook," third edition, 1992 John Willey and Sons, Brandrup et al., p. II-193  |  |  |  |  |

| Examiner Date Considered |    | Date Considered  |
|--------------------------|----|--|
|                          |    | e considered, whether or not citation is in conformance with MPEP 609; draw line f not in conformance and not considered. Include copy of this form with next o applicant. |
| Form PTO 14              | 49 | Patent and Trademark Office - U.S. Department of Commerce  |

#### **INFORMATION DISCLOSURE CITATION**

| Atty. Docket No.: | 5725.0568-01      | Appln. No.:              | U.S. Divisional Application of 09/544,394 |
|-------------------|-------------------|--------------------------|---|
| Applicant:        | Nathalie MOUGIN   |                          |   |
| Filing Date:      | November 26, 2003 | Prior Group<br>Art Unit: | 1617                                      |

|                                       | U.S. PATENT DOCUMENTS |                    |            |                      |       |              |                            |
|---------------------------------------|-----------------------|--------------------|------------|----------------------|-------|--------------|----------------------------|
| Examiner<br>Initial*                  |                       | Document<br>Number | Issue Date | Name                 | Class | Sub<br>Class | Filing Date If Appropriate |
|                                       | 1                     | 3,907,984          | Sep 1975   | Calvert et al.       | 424   | 47           |                            |
|                                       | 2                     | 4,659,783          | April 1987 | Spinelli             | 525   | 293          |                            |
|                                       | 3                     | 5,221,534          | June 1993  | DesLauriers et al.   | 424   | 78.03        |                            |
|                                       | 4                     | 5,310,807          | May 1994   | Antonelli et al.     | 525   | 286          |                            |
|                                       | 5                     | 5,362,813          | Nov 1994   | Antonelli et al.     | 525   | 286          |                            |
|                                       | 6                     | 5,371,147          | Dec 1994   | Spinneli et al.      | 525   | 288          |                            |
|                                       | 7                     | 5,525,636          | June 1996  | Henn et al.          | 521   | 59           |                            |
|                                       | 8                     | 5,527,524          | June 1996  | Tomalia et al.       | 424   | 1.33         |                            |
|                                       | 9                     | 5,552,491          | Sep 1996   | Mishra et al.        | 525   | 299          |                            |
|                                       | 10                    | 5,807,937          | Sep 1998   | Matyjaszewki et al.  | 526   | 135          |                            |
|                                       | 11                    | 5,849,278          | Dec 1998   | Piot et al.          | 424   | 70.7         |                            |
|                                       | 12                    | 5,804,664          | Sep 1998   | Kennedy et al.       | 525   | 314          |                            |
|                                       | 13                    | 5,900,464          | May 1999   | Letchford et al.     | 525   | 94           |                            |
|                                       | 14                    | 5,919,442          | July 1999  | Yin et al.           | 424   | 78.18        | -                          |
|                                       | 15                    | 5,986,020          | Nov 1999   | Campbell et al.      | 526   | 64           |                            |
|                                       | 16                    | 6,001,342          | Dec 1999   | Forestier et al.     | 424 · | 76.1         |                            |
|                                       | 17                    | 6,013,735          | Jan 2000   | Mishra et al.        | 525   | 299          |                            |
|                                       | 18                    | 6,024,948          | Feb 2000 · | Samain et al.        | 424   | 70.16        | - <del>'</del>             |
|                                       | 19                    | 6,090,902          | July 2000  | Kuo et al.           | 526   | 279          |                            |
| · · · · · · · · · · · · · · · · · · · | 20                    | 6,113,882          | Sep 2000   | Mougin et al.        | . 424 | 47           | <u></u>                    |
|                                       | 21                    | 6,124,411          | Sep 2000   | Matyjaszewski et al. | 526   | 111          |                            |
|                                       | 22                    | 6,132,736          | Oct 2000   | Mellul et al.        | 424   | 401          |                            |
|                                       | 23                    | 6,139,827          | Oct 2000   | Cohen et al.         | 424   | 70.16        |                            |
|                                       | 24                    | 6,150,468          | Nov 2000   | Schoenberg et al.    | 525   | 222          |                            |
|                                       | 25                    | 6,476,124          | Nov 2002   | Mougin               | 525   | 64           |                            |
|                                       | 26                    | 6,552,146          | April 2003 | Mougin               | 526   | 319          |                            |